IVUS 2018

International Conference on Information Technology

The 23rd Conference
Information Society and University Studies
IVUS2018
APRIL 27, 2018
Kaunas Lithuania

Adress: Muitinės street 12, LT-44280 Kaunas, Lithuania					
Video Conferencing Studio (3rd floor)					
8:00-8:30	Registration				
8:30-8:45	Opening. Welcome and Introductory Remarks. Prof.dr. Audrius Lopata				
8:45-9:15	Try2HackChallenge Winners Awards Ceremony. Paulius Petrėtis UAB "VORAS Consulting"				
9:15-9:30	Break				
9:30-12:30	IT2018 Part I				
09:30	An Approach: SysML-based Automated Consistency Evaluation of the System Requirements Specification *Jovita Bankauskaitė and Aurelijus Morkevičius*	L	10:50	Reverse Engineering of UML Use Case Model from Website Usage Records *Vaidotas Drungilas, Lina Čeponienė and Mantas Jurgelaitis*	L
09:40	Gamified EFL instruction: An overview of the most recent research trends *Vilma Mikašytė*	L	11:00	Quantitative Analysis of Textual Genres: Comparison of English and Lithuanian *Justina Mandravickaitė and Tomas Krilavičius*	L
09:50	The Effect of Introducing Content Price in Distributed Social Networks *Christos Tryfonopoulos*	R	11:10	Implementation of Artificial Intelligence methods for Virtual Reality solutions: a review of the literature *Rytis Augustauskas, Cenker Canbulut and Aurimas Kudarauskas*	L
10:00	Ontology Based Image (Semantics) Recognition: A Review San*deepak Bhandari and Audrius Kulikajevas*	L	11:20	Electricity Price Forecasting for Nord Pool Data Using Recurrent Neural Networks *Rita Beigaitė and Tomas Krilavičius*	L
10:10	Optimal Workflow Scheduling In Cloud Computing Using AHP Based Multi Objective Black Hole Algorithm *Fatemeh Ebadifard*	R	11:30	Hash based digital signature scheme with integrated TRNG *Maksim Iavich, Giorgi Iashvili and Avtandil Gagnidze*	L
10:20	Hybrid Neural Network Optimization for Feed Point Determination in Antenna Design *Umut Özkaya and Levent Seyfi*	R	11:40	Enhancing e-Participation via Gamification of e-Government Platforms *Ebenezer Agbozo and Evgeny Chepurov*	R
10:30	Analysis of Electroencephalograms: Application of Artificial Neural Networks for Detection of Epileptic Discharges *Rokas Mykolas Deveikis and Tadas Meškauskas*	L	11:50	Accuracy analysis of automatic counter of basketball practise shoots *Ernestas Toliatas and Eimutis Karčiauskas*	R
10:40	Software Application Security Test Strategy With Lean Canvas Design *Padmaraj Nidagundi and Marina Uhanova*	R	12:00	Post-quantum key exchange protocol using high dimensional matrix *Richard Megrelishvili, Malkhaz Jinjikhadze, Maksim Iavich, Avtandil Gagnidze and Giorgi Iashvili*	L
12:10-13:00	Break				
13:00-15:00	ICYRIME2018				
13:00	Communicators' Schemata and Mutual Role Achieving Relevance *Abdelghani Elhusseini*	L	14:00	One Way Anova: Concepts and Application in Agrucultural System Hussaini Abubakar	R
13:10	Gradient modification for Cuckoo Search Algorithm to increase accuracy *Karolina Kęsik*	R	14:10	Path Loss Propagation Model Prediction for GSM Mobile Networks in Nigeria *Danladi Agadi Tonga*	R
13:20	Simply pattern recognition as a tool for identity verification *Karolina Kęsik*	R	14:20	Puzzle form images - how does it work? *Arkadiusz Drogoń, Karol Duda and Barbara Smoleń*	R
13:30	Modelling and optimization of toll stations on a highway by using nonstationary Poisson process *Kamil Książek*	R	14:30	Geometric modeling and optimized design of an hydraulic system for concrete batching plant *Michele Calì, Lucia Cocilovo and Giuseppe Di Lorenzo*	R
13:40	Requirements engineering, supported by Ontology and Enterprise Modelling *Neringa Makrickienė and Audrius Lopata*	L	14:40	3D Modeling and simulations design of Organic Solar Cells *Salvatore Sarcià and Riccardo Zammataro*	R
13:50	Comparison of two statistic tests of normal distribution *Oleksandra Osadcha*	R	14:50	Knowledge Based UML Information Flow Model Transformation Algorithm *Ilona Veitaite and Audrius Lopata*	L
15:00-15:20	Break				
15:20-17:40	IT2018 Part II				
15:20	Detecting Information-Dense Texts: Towards an Automated Analysis *Danguolė Kalinauskaitė*	L	16:20	Study of generating Encryption keys based on Bio – Cryptography Finger Vein method *Tomas Trainys and Algimantas Venckauskas*	L
15:30	Selection of intelligent algorithms for sentiment classification method creation *Konstantinas Korovkinas and Gintautas Garšva*	L	16:30	BPMN based problem domain knowledge specification method *Austina Varkalaite and Audrius Lopata*	L
15:40	Intra-procedural Slicing Using Program Dependence Table *Reza Mohammadian, Saeed Doostali and Seyed Morteza Babamir*	R	16:40	CPU and GPU Implementations for High Frequency Trading in Algorithmic Finance *Mantas Vaitonis and Saulius Masteika*	L
15:50	Using Gamification for Teaching UML in Information System Design Course *Mantas Jurgelaitis, Lina Čeponienė and Vaidotas Drungilas*	L	16:50	Enhanced Security Mechanism for Emerging Home Area Networks *Dr Muhammad Taha Jilani, M Khan, Dr Safdar Rizvi and Dr Asif Aziz*	R
16:00	An Automatic Author Profiling from Non-Normative Lithuanian Texts *Monika Briedienė and Jurgita Kapočiutė - Dzikienė*	L	17:00	Text Mining Ability, Pedagogical Decision Making and Knowledge Sharing Attitude as Indicators of Knowledge Management Skill of Prospective Teachers *Dr. Neetu Singh and Neha Jain*	R
16:10	Using Natural Language Processing in an instant messaging environment for user analysis *Lukas Stasytis*	L	17:10	Bio-Inspired method for Advanced Industrial Sludge Treatment with Closed Cycle Drying Process *Michele Calì, Filippo Rapisarda, Riccardo Zammataro and Giuseppe Di Lorenzo*	R
17:10-17:40	Concluding Remarks. Closing				
					L-Local presenter
					R-Remote presenter

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